

Aug 23, 2011 Text: <i>Larsen and Marx, "Introduction to Mathematical Statistics and Its Applications, 5th Ed."</i>	Aug 25, 2011  <i>Sample Spaces and the Algebra of Sets</i>  <i>Section 2.2</i>	Aug 30, 2011  <i>The Probability Function</i>  <i>Section 2.3</i>	Sep 1, 2011  <i>Conditional Probability</i>  <i>Section 2.4</i>
Sep 6, 2011  <i>Independence</i>  <i>Section 2.5</i>	Sep 8, 2011  <i>Combinatorics</i>  <i>Section 2.6</i>	Sep 13, 2011  <i>Combinatorial Probability Monte Carlo Techniques</i>  <i>Sections 2.7 and 2.8</i>	Sep 15, 2011  <i>Exam 1 Probability</i>  <i>Sections 2.2-2.7</i>
Sep 20, 2011  <i>Binomial and Hypergeometric Probabilities</i>  <i>Section 3.2</i>	Sep 22, 2011  <i>Discrete Random Variables</i>  <i>Section 3.3</i>	Sep 27, 2011  <i>Continuous Random Variables</i>  <i>Section 3.4</i>	Sep 29, 2011  <i>Expected Values</i>  <i>Section 3.5</i>
Oct 4, 2011  <i>The Variance</i>  <i>Section 3.6</i>	Oct 6, 2011  <i>Joint Densities</i>  <i>Section 3.7</i>	Oct 11, 2011  <i>Exam 2 Random Variables I Mid-Semester Sections 3.2-3.7</i>	Oct 13, 2011  <i>Transforming and Combining Random Variables</i>  <i>Section 3.8</i>
Oct 18, 2011  <i>Fall Break</i>	Oct 20, 2011  <i>Further Properties of the Mean and Variance</i>  <i>Section 3.9</i>	Oct 25, 2011  <i>Order Statistics</i>  <i>Section 3.10</i>	Oct 27, 2011  <i>Conditional Densities</i>  <i>Section 3.11</i>
Nov 1, 2011  <i>Moment-Generating Functions</i>  <i>Section 3.12</i>	Nov 3, 2011  <i>Interpreting Means</i>  <i>Section 3.13</i>	Nov 8, 2011  <i>Exam 3 Random Variables II  Sections 3.8-3.13</i>	Nov 10, 2011  <i>The Poisson Distribution</i>  <i>Section 4.2</i>
Nov 15, 2011  <i>The Normal Distribution</i>  <i>Section 4.3</i>	Nov 17, 2011  <i>The Geometric Distribution</i>  <i>Section 4.4</i>	Nov 22, 2011  <i>The Negative Binomial Distribution</i>  <i>Section 4.5</i>	Nov 24, 2011  <i>Thanksgiving</i>
Nov 29, 2011  <i>The Gamma Distribution</i>  <i>Section 4.6</i>	Dec 1, 2011  <i>Monte Carlo Simulations</i>  <i>Section 4.7</i>	Dec 6, 2011  <i>Course Review</i>	Text: <i>Larsen and Marx, "Introduction to Mathematical Statistics and Its Applications" Fifth Edition</i>
<i>Dec 12 (Mon)</i>  <i>Final Exam Math321, Mon, Dec 12, 2-4pm</i>  <i>Sections 2.2-4.7</i>	<i>Math 321 Probability and Statistics I TTh 11:00-12:15 Parrish, Fall 2011</i>	<i>Grading Scheme:</i> <i>exams</i> <i>homework</i> <i>final exam</i> <i>total:</i>	<i>points</i> <i>60 points</i> <i>20 points</i> <i>20 points</i> <i>100 points</i>